Work Orde March-01-13 1:		079		*970	79*						Page 1
Revision ID:	D3913-1			Accept	*N900	<b>040</b>	100	)* s	Setup Star Stop	1 <b>U</b>	S1* S2*
Start Date: Required Date:	3/08/13 3/11/13	Start Qty: 1.00 Req'd Qty: 1.00	*1* *1*		Cust Item I Customer:	D:				, ,	
Reference: Approvals:		n: MCJ		Tooling: SPC (Y/N):		ate:		F	Run Star Stop	171	R1* R2*
Sequence ID/ Work Center II		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revi	ision Nbr	<del>.</del>					· · · · · · · · · · · · · · · · ·	12	Λ	1
D3913	В	1, 10, 10,						$\gamma_{-}$	$\Delta$	1)4	<u>'-350-</u> (
100	4			0.00					`		
*100* Large Fab		Memo		0.00							
Large Fab		2- Drill hol	as per dwg D3913 e as per dwg ***one side dentification marks and do								
110		QC6- Inspect dimension	s to drawing	0.00					1	,	•
*11 <b>0</b> *		Memo		0.00				-XX	S	1_13.	07.30
Quality Control		· MICHO									

120,

\*120\* Packaging

Identify as per dwg & Stock Location:\_

Baskt uy

Memo

0.00

0.00

4x Sy 13.07.30

Packaging

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-	CONF	ORI	MANCE / UPD/		QA Closed:	Date:	
Work Orde	or.		:			DISPOSITION				AGAINST DEI	PARTMENT	PROCESS	<del></del>
Part N	-					Rework Scrap Use-as-is	]     TI		Skid-tube  Machining noforming	Crosstube Small Fab Finishing		Water Jet d. Eng. Coor.	Engineering Quality Other
NCR 1	۷o۰ _	<u> </u>				Work Order Update	]		, , , , , , , , , , , , , , , , , , ,	Composite		Supplier	
Root			1		Descri	ption of work order update	Initi	al	Actio	n	Sign &		
Cause		Date	Step	Qty	,	or Non-conformance	Chief	Eng	Descrip	otion	Date	Verification	QC Inspector
Doc/Data													
Equip/Tooling							-						
Operator													
Material													
Setup	П		<u>.</u> :										
Other	П												
Process	П												
Supplier	П												
Training	$\Box$												
Unapproved													
						F	AULT C	ATE	GORY				
Landi	ng G	iear				General							-
		Bending			Γ	Bend	Gr	ain			Ovalized		Pressure/Forced
]	П	Centre No	ot Concer	ntric to	o/s $\Gamma$	BOM/Route	На	rdwa	are		Over/Under	tolerance	Temperature/Cure

Maintenance

Out of Calibration

Out of Sequence

Outside Dimensions

Mislabeled

Misread

Offset

Inspection Incomplete

Instructions Incomplete/Unclear

Wrong Stock Pulled

Weld

Other

Part Incorrect

Part Moved

Part Lost/Missing

Positioned Wrong

Power Loss/Surge

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Cracks

Cuffs

Heat Treat

Crushed/Crimped.

Inspection Strip in Tube

Torque Waves in Extrusion

Centre Not Concentric to O/S

BOM/Route

Contamination

Countersink

Cut Too Short

**Drill Holes** 

Drawing

Finish

Folio

Burrs

Broken/Damaged

Work Ord March-01-13 1					*979	79*							Page 2
Item ID: Revision ID: Item Name:	D3913-	1			Accept	*N900	<b>04</b> 0	100	)* s	Setup	Start Stop	1 4	S1* S2*
Start Date: Required Date: Reference:	3/08/13 : 3/11/13			*1* *1*		Cust Item I Customer:	D:						
Approvals:	Proces QC: _	s Plan:	Date:		Tooling: SPC (Y/N):	Date:					Start Stop	*N *N	R1* R2*
Sequence ID/ Work Center I	D	Operation Description QC21- Final Inspection -	. Work Order I	Release	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reje Qty		Reject Number	Insp. Stamp
*130* QC Quality Control		Memo	WOIR Older	resease	0.00					J <u>5</u>	<u>13</u> -	07-1 11.5	3 <u>1</u> 13-07-

NCR:	Yes	1	No
	100	,	, , ,

DQA: Date:

NCR:	Yes	/ No				WORK ORDER NON-	CON	NFORN	//ANCE / UP	PDATE				
		· · · · · · · · · · · · · · · · · · ·								-	QA Closed:	Date:		
Nork Orde	or.					DISPOSITION				AGAINST DE	PARTMENT/	PROCESS		
Part No.					Rework Scrap	-		Skid-tube Machining	Crosstube Small Fab	Water Jet Prod. Eng. Coor.		Engineering Quality		
	NCR No.				Use-as-is Work Order Update	Therm	Thermoforming Finishing  Large Fab Composite			Rec/Store/Packaging Supplier				
Root					Descr	iption of work order update	1	nitial	A	ction	Sign &			
Cause		Date	Step	Qty		or Non-conformance	Ch	ief Eng	Des	cription	Date	Verification	QC Inspector	
oc/Data			-							•			}	
quip/Tooling														
perator														
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rocess	<u> </u>								٠					
upplier	<u> </u>				·									
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Inapproved	<u> </u>	L	L	<u> </u>	<u> </u>		 : A ! ! !	T CATE	COPY		<u> </u>			
Landi	na i	Goor				General	AUL	. CATE	GONT		<del></del>			
Lanui	LIE .	Bending			[	Bend		Grain		_	Ovalized	Г	Pressure/Forced	
	H	Centre No	nt Concer	ntric to		BOM/Route	-	Hardwa	re		Over/Under	tolerance	Temperature/Cure	
	┢	Cracks	·	Terre to	),  -	Broken/Damaged	-	4	on Incomplete	<u> </u>	Part Incorre	<del></del>	Weld	
	H	Crushed/	Crimped		<u> </u>	Burrs		1	ions Incomplete	/Unclear	Part Lost/Mi		Wrong Stock Pulled	
	H	Cuffs	oi iii pea.			Contamination		Mainte		,	Part Moved		_	
	$\vdash$	Heat Trea	ıt			Countersink		Mislabe			Positioned V	Vrong		
	$\vdash$	Inspection		Tube	· .	Cut Too Short		Misread			Power Loss/		Other	
		Ripples in	•			Drill Holes		Offset		<u> </u>	<b>_</b>			
	_	Torque W		xtrusio	n	Drawing		Out of (	Calibration					
		Turning S				Finish		Out of S	Sequence			<u> </u>		
	Wave/Twist in Tube					Folio		Outside Dimensions						

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March-01-13 1:52:36 PM

Work Order ID:

97979

Parent Item:

D3913-1

Parent Item Name:

Rib

**Start Date:** 3/08/13

Required Date: 3/11/13

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP Rev:B add drill one side only

IPP Rev:A new issue DD 10.03.19 verified by:EC IPP Rev:B add DD 10.04.12 verified by:EC IPP Rev:C 11.01.18 chg qc5 to 6 DD verf:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
<b>M304TS0.750W.049</b> 304 SQ Tube .75x.75x.049		Purchased	No			100	f	958.1089	8	8.4210526			
50 1 0Q 1400 .15M.15M.0 1.	,			Location		Loc Qty	Lo	oc Code					
				MAT017		526.8458		•					
				124	1492	526.8458							
				WA006		431.2631374							
				12:	3219	57.1601515				·			
				12:	3484	374.102986							_
				10	16039				33	3.62	4	. (	DL 13

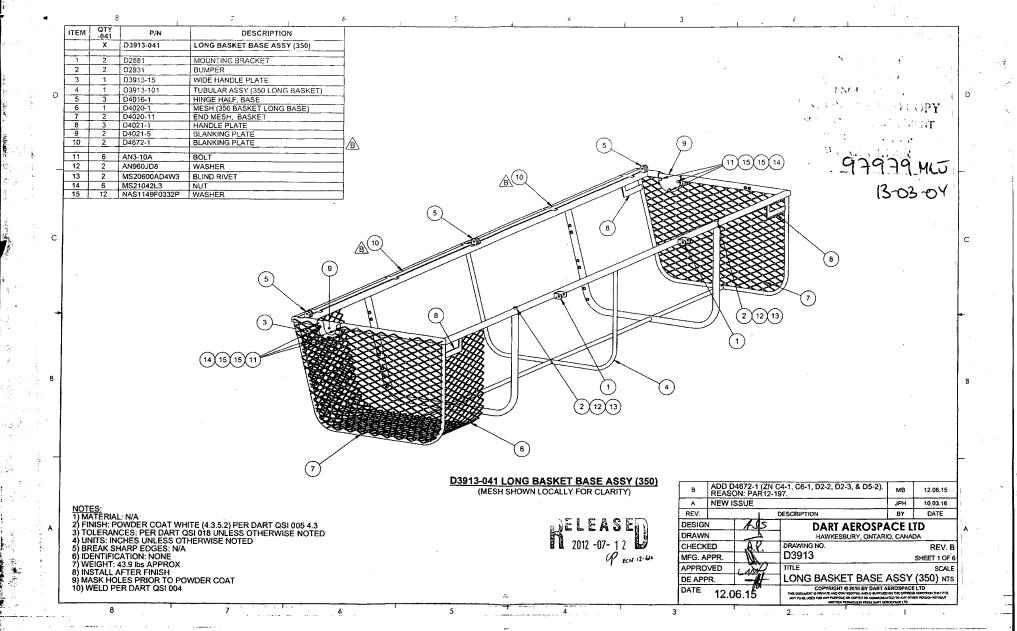
										DQA:	Date	:		
NCR: Ye	es / No				WORK ORDER NON-	-CON	NFORM	MANCE / UPI	DATE	QA Closed:	Date	:		
Work Orde	r.				DISPOSITION		AGAINST DEPARTMENT/PROCESS							
Part No					Rework Scrap Use-as-is Work Order Update	Skid-tube Crosstube  Machining Small Fab  Thermoforming Finishing  Large Fab Composite				Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other			
Root					ption of work order update		nitial		ion	Sign &				
Cause	Date	Step	Qty	., .	or Non-conformance	Ch	ief Eng	Descr	ription	Date	Verification	QC Inspector		
oc/Data quip/Tooling Operator Material Setup Other Process Supplier Fraining Unapproved														
						FAUL	T CATE	GORY						
Landin	g Gear	•			General		_			<del></del>				
	Bending Centre No Cracks Crushed/ Cuffs Heat Trea Inspectio Ripples in Torque W	Crimped at n Strip in ı Bend	Tube		Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short Drill Holes Drawing		Instruct Mainte Mislabe Misread Offset	ion Incomplete ions Incomplete/l enance eled	Unclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V Power Loss/	ct issing Wrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other		
-	Turning S				Finish		-1	Sequence		•				

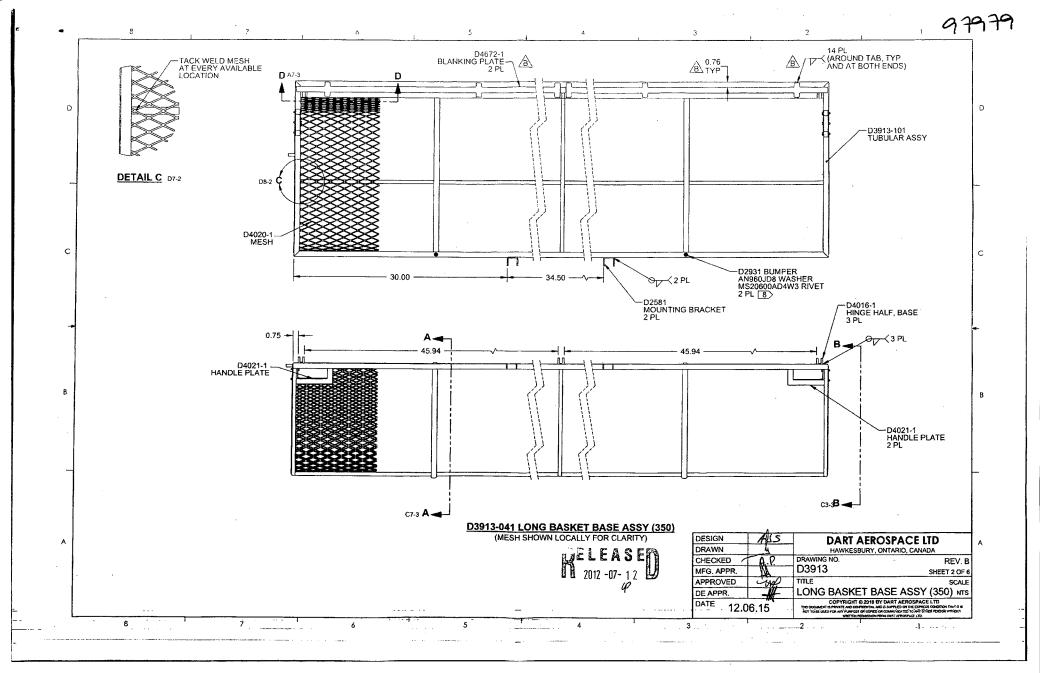
Outside Dimensions

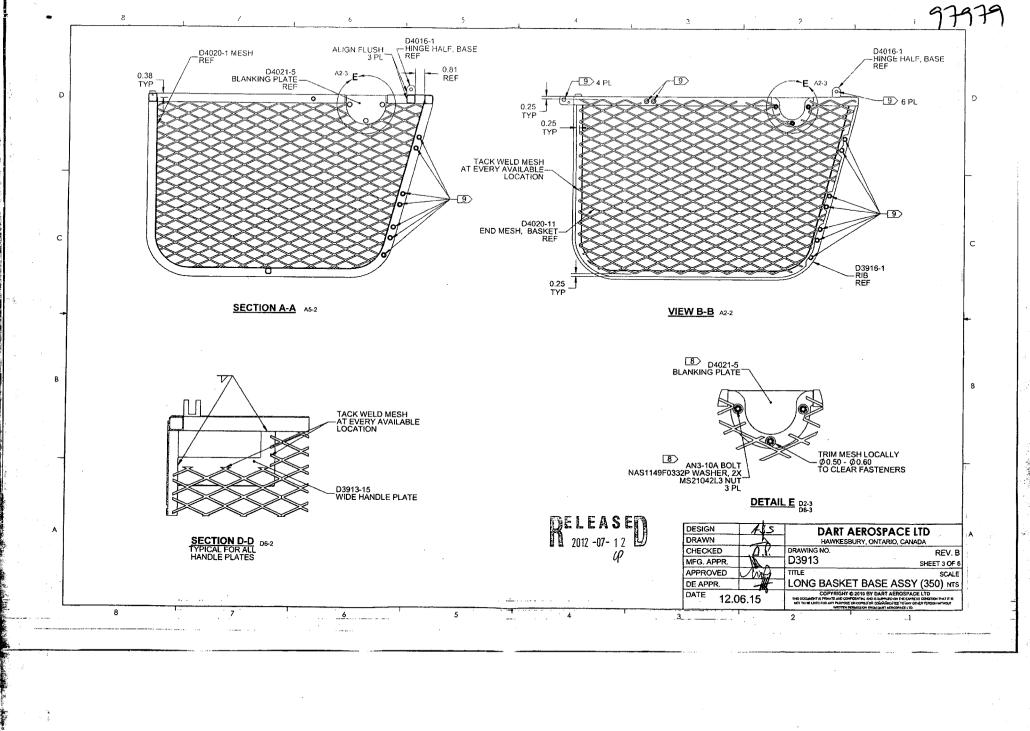
Wave/Twist in Tube

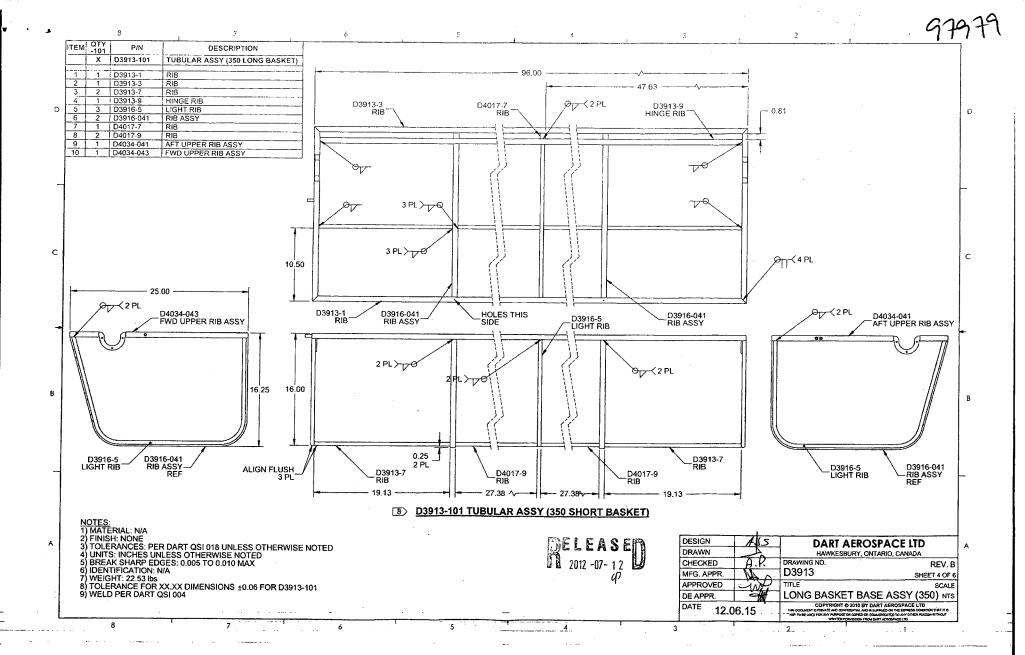
Folio

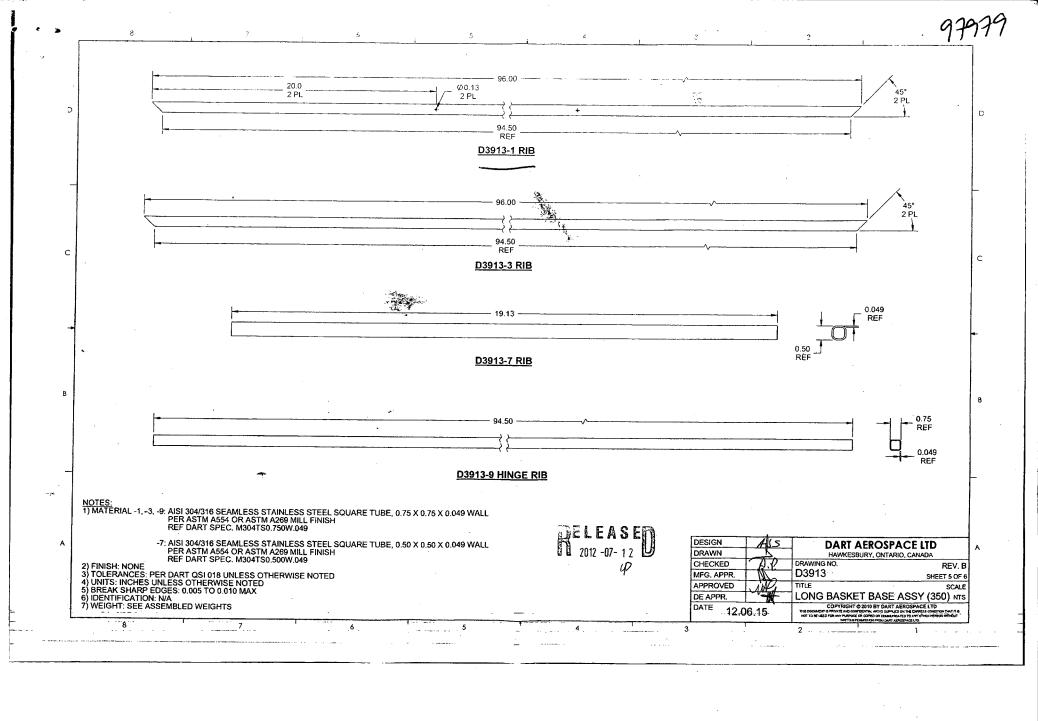
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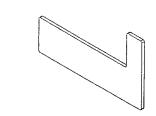


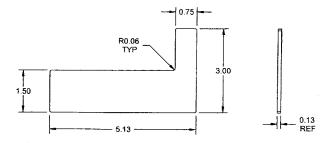






C





**D3913-15 WIDE HANDLE PLATE** 

NOTES:
1) MATERIAL: 304/316 STAINLESS STEEL SHEET ANNEALED 2B FINISH,
PER MIL-S-0059 OR AMS 5513/5524 OR ASTM A240 OR ASME SA240
REF DART SPEC M304S116A
2) FINISH: NONE
3) TOLERANCES: PER DART OSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: N/A
7) WEIGHT: 0.31 lbs



DESIGN	115	DART AEROSPA	CELTD				
DRAWN	7	HAWKESBURY, ONTARIO,					
CHECKED	A.V.	DRAWING NO.	REV. B				
MFG. APPR.	M	D3913	SHEET 6 OF 6				
APPROVED	100	TITLE	SCALE				
DE APPR.		LONG BASKET BASE A	SSY (350) NTS				
DATE . 12.0	06.15	COPYRIGHT © 2010 BY DART AEROSPACE LTD THIS DOCUMENT IS PREVIOUS COMMEDITIES NOT COMMEDITIES OF THE DEPTHS SO CHARTON THAT IT IS NOT TO RE-USED THE ARM PLANDED ON COMMEDITIES TO THE POTHER SHOP WHITE THE PREVIOUS OF COMMEDITIES TO THE POTHER PRINCIPLE PROJECT OF COMMEDITIES TO THE POTHER PRINCIPLE PROJECT OF COMMEDITIES TO THE POTHER PRINCIPLE PROJECT OF COMMEDITIES TO THE POTHER PROJECT OF COMMEDITIES TO THE POTHER PRINCIPLE PRINCIPLE PROJECT OF COMMEDITIES TO THE POTHER PRINCIPLE PROJECT OF COMMEDITIES TO THE POTHER PRINCIPLE PROJECT OF COMMEDITIES TO THE POTHER PRINCIPLE PRIN					